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Gray

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(54) **INTERACTIVE DISPLAY WITH TACTILE FEEDBACK**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 181 days.

This patent is subject to a terminal disclaimer.

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(52) **U.S. Cl.**

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(58) **Field of Classification Search**

USPC 345/156-178
See application file for complete search history.

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(57) **ABSTRACT**

An electronic device including a housing having a first surface and a second surface, and an interactive display having a keyboard-enabled mode and a keyboard-disabled mode. The interactive display includes a first image display device disposed at the first surface that displays image data, and a physical keypad disposed at the second surface that provides tactile feedback to a user only when the interactive display is in the keyboard-enabled mode, the physical keypad being substantially smooth when the interactive display is in the keyboard-disabled mode.

14 Claims, 18 Drawing Sheets

